

IN THE DRAWINGS

Replacement drawing sheet 10 is submitted herewith, as well as an annotated sheet showing the changes made to original FIG. 15.

Attachment: Replacement Sheet 10

REMARKS

This Amendment is in response to the Office Action mailed on June 17, 2009, and is accompanied by a petition for a two-month extension of time to reset the deadline for responding to and including November 17, 2009.

Claims 22-32 have been previously withdrawn. Claim 13 has been amended; new claims 33-35 have been added. The new claims and amended claim are supported by the originally filed specification and add no new matter. (See, e.g., FIGS. 14-15 and ¶¶[0045]-[0046].) Accordingly, claims 1-21 and 33-35 are currently pending in the application for review by the Examiner in light of the within remarks.

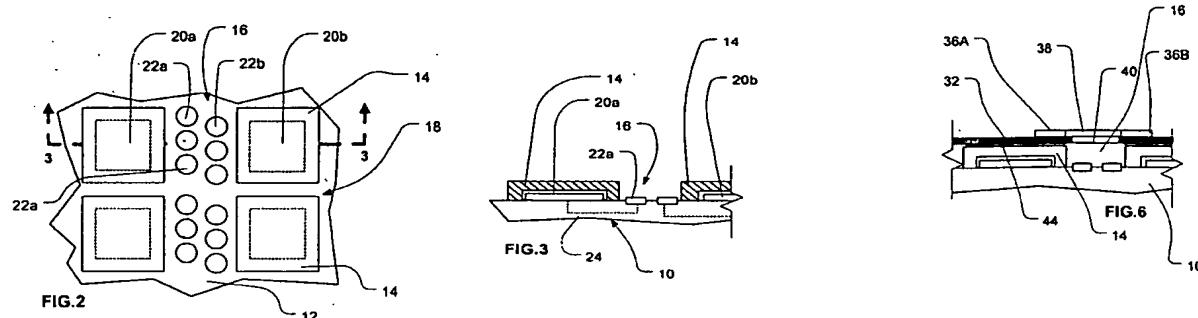
I. DRAWINGS

Applicants have submitted a replacement drawing sheet 10 to illustrate the edges 372 of the contacts 322, as well as the wall 370 of depression 316. Additionally, the orientation of FIG. 15 has been changed. The changes are supported by the originally filed specification and add no new matter. (See, e.g., FIGS. 14-15 and ¶¶ [0044]-[0046].)

II. REJECTIONS - 35 U.S.C. § 102

Claims 1-7, 9, 10, 13-17, and 19-21 are rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 5,926,380 to Kim ("Kim"). For at least the reasons set forth below, Applicants respectfully submit that the rejections are overcome.

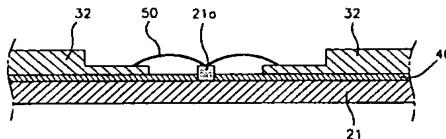
Independent claim 1 recites a "plurality of spaced-apart caps." For example, as shown in FIGS. 2, 3, and 6 below, individual caps 14 are shown overlying a wafer 10.



The caps 14 are spaced apart from one another so as to define depressions in the form of channels between the caps. (See Application ¶ [0032].)

In contrast, *Kim* does not disclose a "plurality of spaced-apart caps." In the Office Action, the alleged spaced apart caps of *Kim* are identified as "layer 40" in FIG. 5C (reproduced below) that covers active region 21. (Office Action 4.)

FIG. 5C

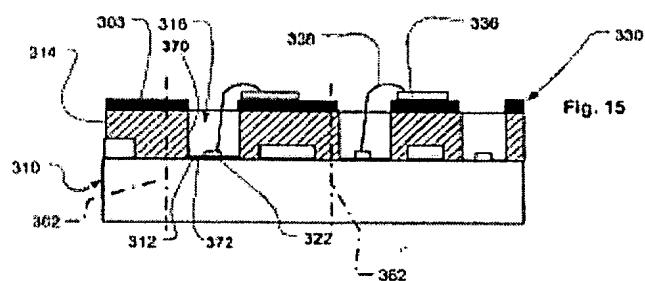
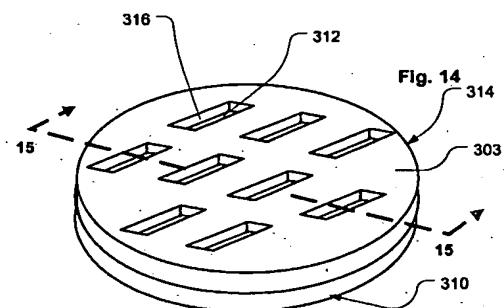


However, layer 40 is a single layer of adhesive cover film 40 that extends across the entirety of the chip 21. As shown in FIG. 5C above, there is only one continuous adhesive cover film 40, as opposed to a "plurality," as recited in the claims. Consequently, the adhesive cover film 40 is not a plurality of "spaced apart" caps.

Accordingly, for at least the foregoing reasons, Applicants respectfully submit that *Kim* fails to teach all of the limitations of claim 1.

Turning to independent claim 13, it now recites "wherein a plurality of said contacts are disposed within a

first one of said depressions." For example, as best shown in FIGS. 14 and 15 of the application reproduced below and further explained in the specification, "terminals 336 on the terminal bearing element are connected by leads connecting downwardly into the depression 316, to the contacts 322 at the main surface or level 312." (Application ¶ [0045].)



In contrast, as discussed above, the structure of *Kim* has been defined as the "layer 40." (Office Action 4.) Furthermore, the claimed "depressions" are identified in *Kim* as "where contacts 21a are formed." *Id.* However, as shown in FIG. 5C of *Kim* above, each individual contact is embedded within the layer 40, such that each asserted "depression" is formed around the contacts. Thus, in *Kim*, each "depression" only includes a single contact, and not a "plurality" of "contacts," as now recited in claim 13.

Accordingly, for the foregoing reasons, Applicants respectfully submit that the rejection of claim 13 is overcome.

Based on the foregoing, *Kim* fails to teach the limitations of the independent claims 1 and 13, as well as the corresponding dependent claims. Thus, Applicants respectfully submit that the 35 U.S.C. § 102 rejections of these claims are overcome.

III. CLAIM REJECTIONS - 35 U.S.C. § 103

Claims 8 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kim in view of U.S. Patent No. 4,768,077 to Scherer ("Scherer"). Additionally, claims 11 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Kim* in view of U.S. Patent No. 5,915,168 to Salatino et al. For at least the reasons set forth in Part I, *supra*, Applicants respectfully submit that *Kim* fails to teach the limitations of the base independent claims and that Scherer fails to make up for the deficiencies. Accordingly, Applicants respectfully submit that the combination of *Kim* and Scherer would not result in the limitations of claims 8 and 18.

IV. NEW CLAIMS 33-35

New dependent claim 33 recites "wherein said first depression has a wall extending away from said main surface, said contacts have edges and said edges adjacent to said wall are spaced apart from said wall." For example, as best shown in FIG. 15 above, each contact 322 has an edge 372 that is spaced apart from a wall 370 of the depression 316.

In contrast, as shown in FIG. 5C of *Kim* above, because the contacts are embedded within the structure layer 40, each of the edges of the contacts directly contacts the structure layer 40; there is no spacing between the edges of the contact and the edges of the structure. Thus, *Kim* does not teach that "said edges adjacent to said wall are spaced apart from said wall." Accordingly, *Kim* fails to teach all of the limitations of claim 13.

New dependent claim 34 recites "wherein a portion of said main surface is exposed between said wall of said first depression and said adjacent edges of said contact." Additionally, new claim 35 recites that "each of said contacts in said depressions extends upwardly away from said main surface

of said wafer." As each of these claims depend from claim 33, for at least the reasons above, Applicants respectfully submit that Kim also fails to teach the limitations of claims 34 and 35.

V. CONCLUSION

As it is believed that all of the rejections set forth in the Official Action have been fully met, favorable reconsideration and allowance are earnestly solicited. If, however, for any reason the Examiner does not believe that such action can be taken at this time, it is respectfully requested that he telephone Applicants' attorney at (908) 654-5000 in order to overcome any additional objections which he might have.

If there are any additional charges in connection with this requested amendment, the Examiner is authorized to charge Deposit Account No. 12-1095 therefor.

Dated: November 17, 2009

Respectfully submitted,

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